

# EXHIBIT A

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14531.41.2



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AUGUST 17, 1999

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WORKMAN, NYDEGGER & SEELEY  
 RICK D. NYDEGGER  
 1000 EAGLE GATE TOWER  
 60 EAST SOUTH TEMPLE  
 SALT LAKE CITY, UT 84111



**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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RECORDATION DATE: 06/14/1999

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CARPENTER, WILTSE

DOC DATE: 05/20/1999

ASSIGNEE:

WEBTV NETWORKS, INC.  
 1250 CHARLESTON AVENUE  
 MOUNTAIN VIEW, CALIFORNIA 94043

SERIAL NUMBER: 09287247  
 PATENT NUMBER:

FILING DATE: 04/07/1999  
 ISSUE DATE:

SONYA JOHNSON, EXAMINER  
 ASSIGNMENT DIVISION  
 OFFICE OF PUBLIC RECORDS

FORM PTO-1585 (Modified) (Rev. 8-93) OMB No. 0651-0011 (exp. 10/98) Copyright 1998-97 LegalStar P08A/REV02		REC	06-16-1999	Packet No.: 14531.41.2	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
6-14-99		101068879		Please record the attached original documents or copy thereof.	
To the Honorable Commissioner of Patents and Trademarks					
1. Name of conveying party(ies): Wiltse Carpenter		2. Name and address of receiving party(ies): Name: WebTV Networks, Inc. Address: 1250 Charleston Avenue City: Mountain View State/Prov.: CA Country: USA ZIP: 94043			
Additional names(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Execution Date: May 20, 1999			
4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date (09/287,247) April 7, 1999 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		B. Patent No.(s)			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: RICK D. NYDEGGER Registration No. 28,651 Address: WORKMAN, NYDEGGER & SEELEY 1000 Eagle Gate Tower 60 East South Temple City: Salt Lake City State/Prov.: UT Country: USA ZIP: 84111		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 23-3178			
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. RICK D. NYDEGGER Name of Person Signing Signature Date 6-14-99 Total number of pages including cover sheet, attachments, and document: 3					

WHEN RECORDED RETURN TO:

Workman, Nydegger & Seeley  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT APPLICATION

Docket No: 14531.41.2

Express Mailing Label No. EL 342 667 535 US

## A S S I G N M E N T

WHEREAS, I, Wiltse J. Carpenter, (hereinafter referred to as ASSIGNOR), having post office address of 439 Elizabeth Street, San Francisco, CA 94114, respectively, am the single inventor of an invention entitled "MANAGING ACCESS TO SET TOP BOX OBJECTS USING TELEVISION CONDITIONAL ACCESS SYSTEM," as described and claimed in the specification forming part of an application for United States letters patent;

Said invention being disclosed in a United States patent application executed heretofore and now identified as File No. 14531.41.2 of the law firm of Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 09/287,247 on April 7, 1999.

WHEREAS, WebTV Networks, Inc., (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 1250 Charleston Avenue, Mountain View, CA 94043, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

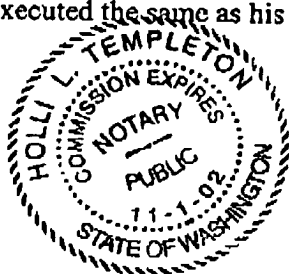
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letter patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application, and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Dated this 20 day of May, 1999.

Wiltse J. Carpenter  
Wiltse J. Carpenter  
United States Citizen

Washington  
STATE OF CALIFORNIA )  
COUNTY OF King ) ss.

On May 20, 1999, before me personally appeared Wiltse J. Carpenter, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and know the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.



Holli L. Templeton  
NOTARY PUBLIC Camden, WA  
Residing at Mountain View, California  
My Commission Expires: 11-1-02

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